

Remarks

Reconsideration of this application as amended is respectfully requested.

Claims 1-10 stand rejected under 35 U.S.C. §102(e) in view of U.S. Patent No. 6,807,537 of *Thiesson et al.* ("*Thiesson*").

Applicant respectfully submits that amended claim 1 is not anticipated by *Thiesson* because *Thiesson* does not disclose updating a set of parameters of a Bayesian network using a set of observation data according to a learning rate that indicates a relative weight of past observation data and present observation data as claimed in amended claim 1. Instead, *Thiesson* teaches selecting a decision graph (parameters) for a Bayesian network using data summarizing real-world cases (observation data) (*Thiesson*, col. 29, lines 35-47) without regard to a relative weight of past and present real-world cases. Nothing in the teachings of *Thiesson* even suggest that the data on real-world cases disclosed therein is distinguishable by past and present when selecting a decision graph. Instead, *Thiesson* teaches that the decision graphs are scored for their goodness at reflecting the real-world case data (*Thiesson*, col. 29, lines 40-42) and then the decision graph having the best score is selected (*Thiesson*, col. 29, lines 44-47).

Given that claim 2-5 depend from amended claim 1, it is submitted that claims 2-5 are not anticipated by *Thiesson*.

It is further submitted that amended claims 6 is not anticipated by *Thiesson*. Amended claim 6 includes limitations similar to the limitations of amended claim 1 including a learning rate that indicates a relative weight of past observation data and present observation data. Therefore the remarks stated above with respect to amended claim 1 and *Thiesson* also apply to amended claim 6.

Given that claim 7-10 depend from amended claim 6, it is submitted that claim 7-10 are not anticipated by *Thiesson*.

It is respectfully submitted that in view of the amendments and arguments set forth above, the applicable rejections have been overcome.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 08-2025 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

Date: 11-11-05

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